```
Connecting via Winsock to Dialog


Logging in to Dialog

Trying 31060000009998...Open

DIALOG INFORMATION SERVICES
PLEASE LOGON:
 ********
ENTER PASSWORD:
 ********
Welcome to DIALOG

Dialog level 05.21.01D

Last logoff:  03mar08 17:05:51
Logon file405 07mar08 21:24:01
           *** ANNOUNCEMENTS ***
                   ***
"Thomson File Histories" are now available directly through Dialog
in selected patent and trademark files.  Combined with the
comprehensive patent and trademark information on Dialog, file
histories give you the most complete view of a patent or trademark
and its history in one place. When searching in one of the patent
and trademark databases, a link to an online order form is displayed
in your search results, saving you time in obtaining the file
histories you need.  See HELP FILEHIST for more information about
how to use the link and a list of files that contain the link.

***The 2008 EMTREE Thesaurus has been added to EMBASE (Files 72, 73,
772, and 972)***

RESUMED UPDATING
***File 156, ToxFile
***File 120, U.S. Copyrights
                   ***
RELOADS COMPLETED
***Files 154 & 155, MEDLINE (annual reload)
***Files 72 & 73, EMBASE
                   ***
FILES REMOVED
***Files 359,959,804,  Chemical Economics Handbook
***Files 360,960, Specialty Chemicals Update Program
                   ***
 >>>For the latest news about Dialog products, services, content<<<
 >>>and events, please visit What's New from Dialog at         <<<
 >>>http://www.dialog.com/whatsnew/.  You can find news about  <<<
 >>>a specific database by entering HELP NEWS <file number>.   <<<
* * *
SYSTEM:HOME
Cost is in DialUnits
Menu System II: D2 version 1.8.0 term=ASCII
                   *** DIALOG HOMEBASE(SM) Main Menu ***

 Information:
  1.  Announcements (new files, reloads, etc.)
  2.  Database, Rates, & Command Descriptions
  3.  Help in Choosing Databases for Your Topic
  4.  Customer Services (telephone assistance, training, seminars, etc.)
  5.  Product Descriptions
```

```
 Connections:
  6.  DIALOG(R) Document Delivery
  7.  Data Star(R)

     (c) 2003 Dialog, a Thomson business.      All rights reserved.

       /H = Help            /L = Logoff          /NOMENU = Command Mode


Enter an option number to view information or to connect to an online
 service.  Enter a BEGIN command plus a file number to search a database
(e.g., B1 for ERIC).
? b 410

        07mar08 21:24:02 User228206 Session D2737.1
            $0.00    0.271 DialUnits FileHomeBase
     $0.00  Estimated cost FileHomeBase
     $0.00  Estimated cost this search
     $0.00  Estimated total session cost   0.271 DialUnits

File 410:Dialog Comm.-of-Interest Newsletters 2007 /Mar
       (c) 2008 Dialog

      Set  Items  Description
      ---  -----  -----------
? set hi ;set hi
HILIGHT set on as ''
HILIGHT set on as ''
? b 155 medicine
>>>         138 is unauthorized
>>>1 of the specified files is not available
       07mar08 21:24:10 User228206 Session D2737.2
            $0.00    0.115 DialUnits File410
     $0.00  Estimated cost File410
     $0.03  TELNET
     $0.03  Estimated cost this search
     $0.03  Estimated total session cost   0.386 DialUnits

SYSTEM:OS  - DIALOG OneSearch
  File 155:MEDLINE(R) 1950-2008/Mar 07
       (c) format only 2008 Dialog
*File 155: MEDLINE has reloaded. Please see HELP NEWS 155
for details.
  File    5:Biosis Previews(R) 1926-2008/Mar W1
       (c) 2008 The Thomson Corporation
  File  34:SciSearch(R) Cited Ref Sci 1990-2008/Mar W2
       (c) 2008 The Thomson Corp
  File  35:Dissertation Abs Online 1861-2008/Nov
       (c) 2008 ProQuest Info&Learning
  File  45:EMCare 2008/Mar W1
       (c) 2008 Elsevier B.V.
  File  65:Inside Conferences 1993-2008/Mar 06
       (c) 2008 BLDSC all rts. reserv.
  File  71:ELSEVIER BIOBASE 1994-2008/Feb W4
       (c) 2008 Elsevier B.V.
  File  73:EMBASE 1974-2008/Mar 07
       (c) 2008 Elsevier B.V.
*File  73: The 2008 EMTREE Thesaurus has been loaded. Please see
HELP NEWS 72 for details.
  File  91:MANTIS(TM) 1880-2007/Apr
       2001 (c) Action Potential
```

```
*File  91: This database has stopped updating temporarily. Please see
HELP NEWS 91 for details.
  File  98:General Sci Abs 1984-2008/Mar
         (c) 2008 The HW Wilson Co.
  File 135:NewsRx Weekly Reports 1995-2008/Mar W1
         (c) 2008 NewsRx
  File 144:Pascal 1973-2008/Mar W1
         (c) 2008 INIST/CNRS
  File 149:TGG Health&Wellness DB(SM) 1976-2008/Feb W2
         (c) 2008 The Gale Group
  File 156:ToxFile 1965-2008/Feb W4
         (c) format only 2008 Dialog
*File 156: ToxFile has resumed updating with the 2008 MeSH.
Please see HELP NEWS154 for information.
  File 159:Cancerlit 1975-2002/Oct
         (c) format only 2002 Dialog
  File 162:Global Health 1983-2008/Dec
         (c) 2008 CAB International
  File 164:Allied & Complementary Medicine 1984-2008/Mar
         (c) 2008 BLHCIS
  File 172:EMBASE Alert 2008/Feb 13
         (c) 2008 Elsevier B.V.
  File 266:FEDRIP 2007/Nov
         Comp & dist by NTIS, Intl Copyright All Rights Res
  File 369:New Scientist 1994-2007/Sep W4
         (c) 2007 Reed Business Information Ltd.
  File 370:Science 1996-1999/Jul W3
         (c) 1999 AAAS
*File 370: This file is closed (no updates). Use File 47 for more current
information.
  File 399:CA SEARCH(R) 1967-2007/UD=14810
         (c) 2008 American Chemical Society
*File 399: Use is subject to the terms of your user/customer agreement.
IPCR/8 classification codes now searchable as IC=. See HELP NEWSIPCR.
  File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 2006 The Thomson Corp
  File 444:New England Journal of Med. 1985-2008/Jan W1
         (c) 2008 Mass. Med. Soc.
  File 467:ExtraMED(tm) 2000/Dec
         (c) 2001 Informania Ltd.


      Set  Items  Description
      ---  -----  -----------
? e tonb

Ref    Items   Index-term
E1        1    TONA21
E2        1    TONA22
E3     4209 *TONB
E4       11    TONB BOX
E5        1    TONB BOX ACTIVITY
E6        1    TONB BOX GENE REGION PROTEIN TRANSPORT ACTIVIT
E7        1    TONB BOX HEPTAPEPTIDES
E8        1    TONB CELL LINE (HOMINIDAE)
E9        3    TONB CELL LINE (MURIDAE)
E10       1    TONB COMPLEX
E11       1    TONB DEPENDENT
E12       1    TONB DEPENDENT MEMBRANE TRANSPORT

         Enter P or PAGE for more
? s e3:e12
      S1    4209  'TONB':'TONB DEPENDENT MEMBRANE TRANSPORT'
```

```
? p

Ref   Items  Index-term
E13      1   TONB DEPENDENT OUTER MEMBRANE TRANSPORTER
E14      1   TONB DEPENDENT PROTEINS
E15      1   TONB DEPENDENT RECEPTOR
E16      1   TONB DEPENDENT TRANSPORTER
E17      1   TONB ENERGY-COUPLING PROTEIN
E18      1   TONB EXBBD GENE
E19     41   TONB GENE
E20      1   TONB GENE MUTATION
E21      1   TONB GENE SUGGESTS
E22      1   TONB GENES
E23      1   TONB HOMOLOGY
E24      1   TONB INNER MEMBRANE PROTEIN

          Enter P or PAGE for more
? s e13:24
>>>Term "24" in invalid position
? s e13:e24
     S2     52   'TONB DEPENDENT OUTER MEMBRANE TRANSPORTER':'TONB INNER
                 MEMBRANE PROTEIN'
? p

Ref   Items   RT   Index-term
E25      2         TONB LOCUS
E26      2         TONB MUTANT
E27      3         TONB MUTATION
E28      1         TONB OPERON
E29      2         TONB PEPTIDES
E30    132     2   TONB PROTEIN
E31      0     2   TONB PROTEIN FAMILY
E32    339         TONB PROTEIN, BACTERIA
E33    269         TONB PROTEIN, E COLI
E34     13         TONB PROTEIN, HAEMOPHILUS INFLUENZAE
E35      1     2   TONB PROTEINS
E36      1         TONB RECEPTOR

          Enter P or PAGE for more
? s e25:e36
     S3    521   'TONB LOCUS':'TONB RECEPTOR'
? p

Ref   Items  Index-term
E37      2   TONB REGION
E38      4   TONB SYSTEM
E39      1   TONB SYSTEM IRON-REGULATED BIDIRECTIONAL PROMO
E40      1   TONB.
E41      1   TONB.P210 CELL LINE (ANIMALIA)
E42      2   TONB.210 CELL LINE (MURIDAE)
E43      2   TONB- AND SIDEROPHORE-INDEPENDENT FERRIC ION U
E44      1   TONB-BOX
E45      1   TONB-BOX REGION
E46      1   TONB-CATALYZED
E47     64   TONB-DEPENDENT
E48      1   TONB-DEPENDENT CONFORMATIONAL DYNAMICS

          Enter P or PAGE for more
? s tonb?
     S4   4504   TONB?
? ds
```

```
Set     Items    Description
S1      4209     'TONB':'TONB DEPENDENT MEMBRANE TRANSPORT'
S2        52     'TONB DEPENDENT OUTER MEMBRANE TRANSPORTER':'TONB INNER ME-
                 MBRANE PROTEIN'
S3       521     'TONB LOCUS':'TONB RECEPTOR'
S4      4504     TONB?
? s s1 or s2 or s3 or s4
            4209 S1
              52 S2
             521 S3
            4504 S4
      S5    4504 S1 OR S2 OR S3 OR S4
? s s5 and (helicobact? or pylori or pyloris or pyloridis or pylorum or pyroli)
            4504 S5
          189800 HELICOBACT?
          191125 PYLORI
             108 PYLORIS
            3573 PYLORIDIS
              12 PYLORUM
             142 PYROLI
      S6      59 S5 AND (HELICOBACT? OR PYLORI OR PYLORIS OR PYLORIDIS OR
                 PYLORUM OR PYROLI)
? s s6/2004:2008
>>>One or more prefixes are unsupported
>>> or undefined in one or more files.
>>>Year ranges not supported in one or more files
              59 S6
        24749501 PY=2004 : PY=2008
      S7      35 S6/2004:2008
? s s6 not s7
              59 S6
              35 S7
      S8      24 S6 NOT S7
? t s8/6,kwic/all
>>>KWIC option is not available in file(s): 399

 8/6,KWIC/1     (Item 1 from file: 155)
DIALOG(R)File 155:(c) format only 2008 Dialog. All rts. reserv.

15302342   PMID: 12890020
  Characterization  of  the  roles of NikR, a nickel-responsive pleiotropic
autoregulator of Helicobacter pylori.
Aug 2003

  Characterization  of  the  roles of NikR, a nickel-responsive pleiotropic
autoregulator of Helicobacter pylori.
  The  Helicobacter  pylori  genome  contains a gene (hp1338 or
nikR)  that  encodes a nickel-dependent regulator that is homologous to the
Escherichia  coli  nickel-responsive  regulator,  NikR. The H. pylori
nikR  product  acts  as  a  pleiotropic  metal-dependent  regulator.  We
constructed a non-polar isogenic mutant deleted for the nikR gene. NikR was
essential  for  the  survival  of  H.  pylori in the presence of high
nickel and cobalt ion concentrations in vitro. We screened a DNA macroarray
for genes that were differentially expressed in parental and nikR-deficient
H.  pylori  strains  grown in the presence of excess nickel. We found
that  H.  pylori NikR mediates the expression of nickel-activated and
-repressed genes. In the presence of excess...

... and  the  study  of  exbB  gene expression using a gentamicin/apramycin
reporter  gene  in  H. pylori indicated that NikR is an autorepressor
that  binds  to  this intergenic region and also controls the expression of
the  exbB/exbD/tonB  operon,  which  provides  energy  for ferric iron
```